

Stanford

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- Ph.D. Student in Applied Physics, admitted Autumn 2018
- Ph.D. Minor, Statistics

Publications

PUBLICATIONS

- **Inverse Design of Plasma Metamaterial Devices for Optical Computing** *PHYSICAL REVIEW APPLIED*
Rodriguez, J. A., Abdalla, A. I., Wang, B., Lou, B., Fan, S., Cappelli, M. A.
2021; 16 (1)
- **Theory for Twisted Bilayer Photonic Crystal Slabs.** *Physical review letters*
Lou, B., Zhao, N., Minkov, M., Guo, C., Orenstein, M., Fan, S.
2021; 126 (13): 136101
- **Wide wavelength-tunable narrow-band thermal radiation from moire patterns** *APPLIED PHYSICS LETTERS*
Guo, C., Guo, Y., Lou, B., Fan, S.
2021; 118 (13)
- **Inverse Design of Photonic Crystals through Automatic Differentiation** *ACS PHOTONICS*
Minkov, M., Williamson, I. D., Andreani, L. C., Gerace, D., Lou, B., Song, A. Y., Hughes, T. W., Fan, S.
2020; 7 (7): 1729–41